CLAIMS

WHAT IS CLAIMED:

 The system of claim 1, wherein said pad conditioner comprises: a high pressure fluid supply; and 	1.
a nozzle being connected to said high pressure fluid supply to supply said fluid	d jet.
3. The system of claim 1, wherein said fluid jet has a substantially cyshape or a substantially rectangular shape.	lindrical
15 4. The system of claim 1, wherein a first diameter of said fluid jet is small a second diameter of said fluid jet.	iller than
5. The system of claim 1, wherein said fluid jet comprises a liquid.	
20 6. The system of claim 1, wherein said fluid jet comprises water.	
7. The system of claim 1, wherein said fluid jet comprises a gas.	

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The system of claim 1, wherein said fluid jet comprises abrasive particles.

- 9. The system of claim 1, further comprising a jet moving unit being adapted to move said fluid jet.
- 10. The system of claim 9, wherein said jet moving unit is adapted to move said fluid jet in an oscillating motion.

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- 11. The system of claim 10, wherein said jet moving unit is configured to provide said oscillating motion as a bi-directional circular motion.
- 12. The system of claim 10, wherein said jet moving unit is configured to provide said oscillating motion as a bi-directional linear motion.
- 13. The system of claim 9, wherein said jet moving unit is adapted to move said fluid jet in a plane substantially parallel to a surface of said polishing pad.
- 14. The system of claim 13, wherein a direction of said fluid jet is substantially orthogonal to said plane.
- 15. The system of claim 9, wherein said jet moving unit is adapted to move said fluid jet in a unidirectional circular motion.
- 16. The system of claim 9, wherein said pad conditioner comprises a high pressure fluid supply and a nozzle being connected to said high pressure fluid supply to supply said fluid jet, and wherein said jet moving unit comprises a mobile mount, said nozzle being attached to said mobile mount.

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17. The system of claim 16, wherein said jet moving unit further comprises a drive device being adapted to move said mobile mount.

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- 18. The system of claim 1, further comprising a polishing head, said pad conditioner being attached to said polishing head.
- 19. The system of claim 1, further comprising a slurry supply being adapted to supply slurry to said polishing pad.

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20. The system of claim 1, wherein said pad conditioner is adapted to direct a plurality of fluid jets towards said polishing pad, said plurality of fluid jets comprising said fluid jet.

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- 21. The system of claim 20, further comprising:
- a high pressure fluid supply; and
- a plurality of nozzles being connected to said high pressure fluid supply to supply said plurality of fluid jets.

- 22. The system of claim 21, further comprising a mobile mount, said plurality of nozzles being attached to said mobile mount.
- 23. The system of claim 22, further comprising a drive device being adapted to move said mobile mount.

24. The system of claim 20, further comprising a plurality of jet moving units, each of said jet moving units being adapted to move at least one of said plurality of fluid jets.

25. A method, comprising:

chemically mechanically polishing a substrate on a polishing pad; and directing a high pressure fluid jet towards said polishing pad to condition a surface portion of said polishing pad.

- 26. The method of claim 25, wherein said chemical mechanical polishing and said directing said fluid jet towards said polishing pad are performed simultaneously.
 - 27. The method of claim 25, wherein said chemical mechanical polishing and said directing said fluid jet towards said polishing pad are performed successively.
 - 28. The method of claim 25, wherein said fluid jet has a cross-section having one of a substantially cylindrical shape, an oval shape, a substantial line shape and an arcuate line shape.
 - 29. The method of claim 25, wherein a first diameter of said fluid jet is smaller than a second diameter of said fluid jet.
 - 30. The method of claim 25, wherein said fluid jet comprises a liquid.
 - 31. The method of claim 25, wherein said fluid jet comprises water.

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- 32. The method of claim 25, wherein said fluid jet comprises a gas.
- 33. The method of claim 25, wherein said fluid jet comprises abrasive particles.
- 34. The method of claim 25, further comprising moving said fluid jet in an oscillating motion.
 - 35. The method of claim 34, wherein said oscillating motion comprises a bi-directional circular motion.
 - 36. The method of claim 34, wherein said oscillating motion comprises a bi-directional linear motion.
 - 37. The method of claim 25, further comprising moving said fluid jet in a plane substantially parallel to a surface of said polishing pad.
 - 38. The method of claim 37, wherein said fluid jet is substantially orthogonal to said plane.
 - 39. The method of claim 25, further comprising moving said fluid jet in a unidirectional circular motion.
 - 40. The method of claim 25, comprising directing a plurality of fluid jets towards said polishing pad, said plurality of fluid jets comprising said fluid jet.

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- 41. The method of claim 40, further comprising moving said plurality of fluid jets.
- 42. The method of claim 25, further comprising supplying slurry to said polishing pad.

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43. The method of claim 25, further comprising moving said fluid jet and said polishing pad, said moving said fluid jet and said moving said polishing pad being coordinated.